COURSE SYLLABUS

SOUTHEAST MISSOURI STATE UNIVERSITY

Department of Elementary, Early & Special Education        Course No. EL312
Course: Multimedia in the Classroom        New: Sp 99

“The Teacher As Competent Professional Educator”

I. Catalog Description and Credit Hours of Course:
This class will provide an in-depth look at the use of existing multimedia technology and software as they relate to teaching and learning. Hardware includes CD-ROM, DVD, laserdisc, and multimedia computers. (3)

II. Prerequisite(s):
EL210 Integrating Technology into the Classroom

III. Purposes or Objectives of the Course:
By the end of the course, the student will have demonstrated acquisition of the knowledge base and skills necessary to:
A. Identify various multimedia technologies and how they can enhance the teaching and learning process.
B. Demonstrate ability to operate a multimedia technologies successfully to support the instructional process.
C. Identify and apply good instructional design principles involved in developing multimedia projects.
D. Explore integration of multimedia into the various content areas.

IV. Expectations of Students:
A. Students will complete all assigned readings in textbook, handouts and relevant professional journal articles.
B. Students will participate in classroom discussions and activities.
C. Students will demonstrate achievement of course objectives through exams and projects.
D. Students will use instructional technology to develop class-assigned projects.

V. Content or Outline: Hours
A. Using multimedia for effective teaching 3
B. Role of existing multimedia software 6
   1. CD-ROMs
   2. Laserdisc
   3. DVD
C. Multimedia hardware and software
   1. CD-ROM
   2. Laserdisc
   3. Video capture
   4. Scanner
   5. Digital camera

D. Instructional design techniques for developing effective instruction
   1. Planning
   2. Gathering resources
   3. Storyboarding
   4. Developing the software
   5. Testing the software

E. Developing multimedia projects for content areas
   1. Math
   2. Communication arts
   3. Social studies
   4. Science
   5. Dance, music, theater, and visual arts
   6. Health/P.E.
   7. Vocational education

F. Using multimedia in presentations

G. Using multimedia in constructivist teaching activities

VI. Textbook(s) and/or Other Required Materials or Equipment:

VII. Basis for Student Evaluation:
   A. Basic competency demonstration in laserdisc, CD-ROM, and multimedia authoring systems
   B. Tests
   C. Interactive multimedia lesson

VIII. Knowledge Base:


